

**APPROVED EROSION CONTROL BLANKETS
FOR USE ON UTAH DEPARTMENT OF TRANSPORTATION PROJECTS
Revision date August 6, 2008**

Manufacturer	Product Name	Description
American Excelsior www.curlex.com	Curlex II	100% excelsior blanket 1.25 lbs/yd ² 2 nets
		70% straw / 30% coconut 0.5 lbs/yd ² 2 nets
		Straw/Coconut Blanket
East Coast Erosion Blankets www.erosionblankets.com	ECSC-2	70% straw / 30% coconut 0.55 lbs/yd ² 2 nets
ErosionControlBlanket.com www.erosioncontrolblanket.com	SC32	70% straw / 30% coconut 0.5 lbs/yd ² 2 nets
Erosion Control Systems www.erosioncontrolsystems.com	ECS HI Excelsior	100% excelsior 1.5 lbs/yd ² 2 nets
		70% straw / 30% coconut 0.65 lbs/yd ² 2 nets
		ECS Straw/Coconut
Greenfix www.greenfix.com	CFS072R	70% straw / 30% coconut 0.7 lbs/yd ² 2 nets
North American Green www.nagreen.com	SC150	70% straw / 30% coconut 0.5 lbs/yd ² 2 nets
Propex www.geotextile.com	Landlok CS2	70% straw / 30% coconut 0.55 lbs/yd ² 2 nets
Western Excelsior www.westernexcelsior.com	S-2	100% Aspen Excelsior 0.5 lbs/yd ² 2 nets
		100% Aspen Excelsior 0.5 lbs/yd ² 2 nets
	CS-3	

Selection Criteria:

Minimum blanket weight: Straw/coconut 0.5 lbs/yd²

Excelsior 1.25 lbs/yd²

Functional longevity: 18-24 months

Nets: Two nets (top and bottom) can be synthetic or organic.

Testing: Satisfactory product test results to UDOT (TTI, USU, SDSU)

APPROVED CHANNEL LINERS
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Manufacturer	Product Name	Description
American Excelsior www.curlex.com	Curlex Enforcer	100% excelsior 1.25 lbs/yd ² 2 heavy duty nets
	Curlex High Velocity Heavy Duty Excelsior Blanket	100% excelsior 1.62 lbs/yd ² 2 heavy duty nets
	AEC Premier Coconut	100% coconut 0.5 lbs/yd ² 2 heavy duty nets
Erosion Control Systems www.erosioncontrolsystems.com	DuraGuard C1	100% coconut 0.95 lbs/yd ² 2 heavy duty nets
Greenfix http://www.greenfix.com/	CF072RR	100% coconut 0.7 lbs/yd ² 2 heavy duty nets
North American Green www.nagreen.com	C125	100% coconut 0.5 lbs/yd ² 2 heavy duty nets
Propex www.geotextile.com	Landlok C2	100% coconut 0.55 lbs/yd ² 2 heavy duty nets
Verdyol Plant Research www.verdyol.ca	Ero-Mat V125C	100% coconut 0.5 lbs/yd ² 2 heavy duty nets
Western Excelsior www.westernexcelsior.com	CC-4	100% coconut 0.5 lbs/yd ² 2 heavy duty nets

Selection Criteria:

Minimum channel liner weight:

Coconut 0.5 lbs/yd²

Excelsior 1.25 lbs/yd²

Functional longevity: 24-36 months

Nets: Two heavy duty nets (top and bottom)

Testing: Satisfactory product test results to UDOT (TTI, USU, SDSU)

APPROVED FIBER ROLLS
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Manufacturer	Product Name	Description
American Excelsior www.curlex.com	Sediment Log	Type I (20 inch) 100% excelsior Type II (12 inch)* 100% excelsior Type III (9 inch)* 100% excelsior
Earth Saver www.earth-savers.com	Rice Straw Wattle	20 inch 9 inch*
Western Excelsior www.westernexcelsior.com	Excel Straw Logs	20 inch 9 inch*

Selection Criteria:

Minimum weight:

18" and greater - 3 lbs. per linear foot

9" to 12" – 1 lb. per linear foot

Functional longevity: 24-months (includes netting material)

Netting opening: 1" maximum and secured at ends for containment

Weed Free

* Check dam spacing layout is designed for an 18" structure. If 9 to 12 inch diameter fiber rolls are used, cut the spacing between check dams in half (double the number of check dams).

Materials such as compost or wood shavings may be used as fill material for fiber rolls and assembled onsite. Materials must meet the requirements listed under Selection Criteria. Compost must also meet the following criteria:

Compost

Made from organic materials, including animal manures, straw, yard trimmings, sawdust or other forest wood products that have been through a high temperature composting process. The process involves treating the materials with natural microorganisms and regularly turning the compost piles to provide adequate oxygenation and ensure complete pasteurization. Supplied compost to be decomposed to a maximum thickness of ¼" and be a consistent dark brown to black in color, within a pH range of 5.5 to 7.0, free of weed seeds and offensive odors.

**APPROVED WOOD FIBER MULCH PRODUCTS
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Manufacturer	Product Name	Description
Canadian Forest Products www.canforpfd.com	EcoFibre	100% wood fiber
Conwed Fibers www.conwedfibers.com	Hydro Mulch 1000	100% wood fiber
Mat, Inc. www.soilguard.com	Mat-Fiber	100% wood fiber

- The wood fiber mulch is to be applied at a minimum rate of 2000 lbs. / acre.
- A tackifier per UDOT specifications is to be applied with the wood fiber mulch.
- Drill seed or broadcast and incorporate seed into the soil as per UDOT specifications before topdressing the seeded areas with the wood fiber mulch.

**APPROVED BONDED FIBER MATRIX PRODUCTS
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Manufacturer	Product Name	Description
Canadian Forest Products http://www.canforpfd.com/	EcoAegis	90% wood fiber 9% hydro-colloid tackifier 1% mineral activator
Conwed Fibers www.conwedfibers.com	Hydro Mulch 2500 BFM	90% wood fiber 10% hydro-colloid tackifier
Mat, Inc. http://www.soilguard.com/	Soil Guard	88% wood fiber 10% organic tackifier 2% mineral bonding agents

- Apply at the rate specified in the plan set.
- Broadcast and incorporate seed into the soil as per UDOT specifications before topdressing the seeded areas with the bonded fiber matrix.